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**(54) MOP WITH
AUTOMATIC LIQUID
INJECTOR**

(57) Abstract:

PURPOSE: To provide a mop with a conspicuous modification in construction which is so arranged in apparatus and structure to enable automatic supply of a liquid thereto and adjustment of the amount of the liquid to be applied simply without skill, hence allowing the applying of the liquid evenly on a floor surface.

CONSTITUTION: A liquid container 2, a container connection cap 4, a cock lever 9, a container fixing hand adaptor 3 and a liquid supply pipe 5 are provided in place of a handle 1. Then, a liquid supply nozzle 6 is provided within a mop holder 8 to supply liquid evenly to a mop 7. Here, also arranged are a guide roller 12 rotating horizontally and a guide roller adjusting hole 10 to allow the supplying of the liquid to the mop 7 with the adjustment of an amount of the liquid applied. An apparatus mop band simple to detach is provided and a mop band protrusion 12 and a knob 14 are arranged at the band part. A recess detachable from the mop holder 8 is provided.

